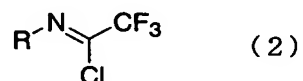


ABSTRACT

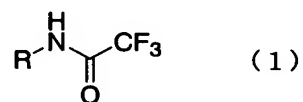
The present invention relates to a process for producing an *N*-aryl-2,2,2-trifluoroacetimidoyl chloride represented by Formula (2):

5



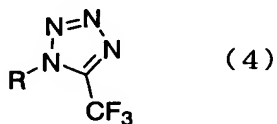
the process comprising the step of reacting in an organic solvent a tertiary amine, a 2,2,2-trifluoro-*N*-arylacetamide represented by Formula (1):

10



15 and at least one member selected from the group consisting of phosphorus oxychloride and diphenyl chlorophosphate; and a process for producing a 1-aryl-5-(trifluoromethyl)-1*H*-tetrazole represented by Formula (4):

20



the process comprising the step of reacting in an aromatic hydrocarbon solvent, in the presence of an amine salt, an *N*-aryl-2,2,2-trifluoroacetimidoyl chloride represented by Formula (2) shown above and an azide.

25